sdmay18-20: A Disappearing A Pillar
Week 5 Report
October 1 - October 7

Team Members
Shengliang Liu — *Program Tester*
Guantong Zhou — *User Interface Programmer*
Han Liao — *User Interface Programmer*
Wenrui Wu — *Team Communicator*
Yixuan Wang — *Image Processing Programmer*
Yao-Wei Lee — *Team Website Designer/Image Processing Programmer*

Summary of Progress this Report
1) Acquired our main programming device, Nexus 7 from the ECE department.
2) Managed to port the user interface of our application into the device successfully.
3) Added a camera button on the homepage in the UI of the application, linking the program the built-in camera in order to display and capture images.

Pending Issues
1) Waiting for the external camera to arrive to replace the built-in tablet camera.
2) Having difficulties storing pictures taken via the App.
3) Having difficulties managing sentence size properly on the interface.

Plans for Upcoming Reporting Period
1) Get a new camera and connect to our tablet.
-Get a new camera from the ECPE department.
-Work on learning how to store images captured via our App in the tablet.
-Connect external cameras to our app and capture the image accurately.
2) In the case of the previous completion, we can do a preliminarily test on a real car to test the feasibility of our project.
3) We are going to finish the subdirectory "Contact us" in the menu. This will give us a chance to get familiar with the Android Studio and learn how to install the subdirectories under the home directory. It's a fundamental skill to write the most difficult part such as "Customized" and "Screen size".

Individual Contributions

Team Member	Contribution	Weekly Hours	Total Hours
Shengliang Liu	For the interface of the application, after the image upload into the Java program. My work is change the size of the image.I have wrote	8	16

	the code to change the width and length and make it is suit the interface we have worked.		
Guantong Zhou	Because we are not familiar with the Android Studio, we are trying to figure out how to realize the functions in there. I worked on the User Interface with my knowledge on Java with Han Liao and Wenrui Wu in the past week.	8	16
Han Liao	Since we failed to import the previous UI into Android Studio, we rewrote an user interface based on last week's template. And create a camera button which can capture the image from build-in camera. Import the project into our device successfully.	8	16
Wenrui Wu	Picked up the tablet from the ETG and set up the tablet. I scheduled a time with team members to work on the interface part. During this part,I learnt how to export app from Android Studio to devices and how to upload images in Android Studio.	8	16
Yixuan Wang	I am working on learning real time video processing techniques on an Android platform such as Image Enhancement, Image Restoration, Color Correction.	8	16
Yao-Wei Lee	Communicated with ETG in order to acquire the device required for this project. Working on learning real time video processing on an Android platform such as Image Enhancement, Image Restoration, Color Correction.	8	16